

**Amendments to the Abstract:**

Please amend the Abstract as follows. A separate sheet containing an unmarked version of the Abstract is provided at page 9 of this paper.

**Abstract**

A method of ~~optimizing the performance of~~ tuning a cardiac prosthetic pacing device including ~~includes (a) monitoring, optionally transcutaneously or non-invasively, the flow output from the heart[;], and (b) optionally using a continuous-wave Doppler ultrasound device, followed by~~ adjusting the timing of said cardiac prosthetic pacing events by the cardiac prosthetic pacing device so as to ~~optimize~~ optimise the flow from the heart under operational conditions.[;]  
~~optionally including different pharmacological conditions.~~